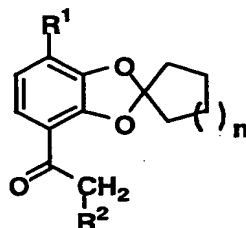


CLAIMS

1. A process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative represented by formula (VII)

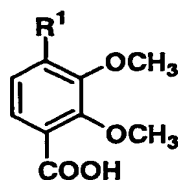


(VII)

(wherein R¹ represents hydroxy, or substituted or unsubstituted lower alkoxy; R² represents substituted or unsubstituted aryl, or a substituted or unsubstituted aromatic heterocyclic group; and n represents an integer of from 1 to 6),

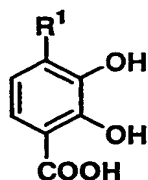
which comprises

treating a compound represented by formula (I)



(I)

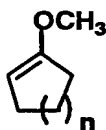
(wherein R¹ has the same meaning as defined above)
with hydrogen iodide to give a compound represented by
formula (II)



(II)

(wherein R^1 has the same meaning as defined above);

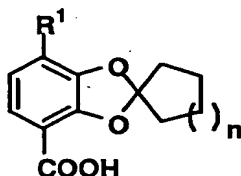
allowing the resulting compound represented by the above formula (II) to react with a compound represented by formula (III)



(III)

(wherein n has the same meaning as defined above)

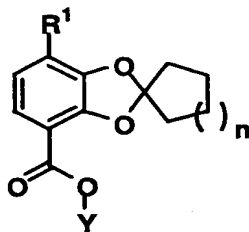
to give a compound represented by formula (IV)



(IV)

(wherein R^1 and n have the same meanings as defined above respectively);

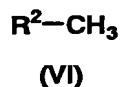
converting the resulting compound represented by the above formula (IV) into a compound represented by formula (V)



(V)

(wherein R^1 and n have the same meanings as defined above respectively; and Y represents lower alkyl, lower alkenyl, lower alkynyl, substituted or unsubstituted aralkyl, substituted or unsubstituted aryl, or a substituted or unsubstituted aromatic heterocyclic group);

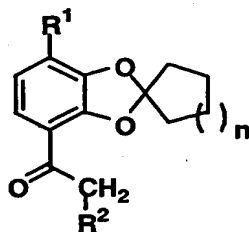
adding a base to a mixture containing the resulting compound represented by the above formula (V) and a compound represented by formula (VI)



(wherein R^2 has the same meaning as defined above);

and allowing the compound represented by the above formula (V) to react with the compound represented by the above formula (VI).

2. A process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative represented by formula (VII)

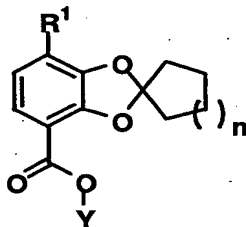


(VII)

(wherein R^1 , R^2 and n have the same meanings as defined above respectively)

which comprises

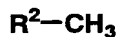
adding a base to a mixture containing a compound represented by formula (V).



(V)

(wherein R^1 , n and Y have the same meanings as defined above respectively)

and a compound represented by formula (VI)



(VI)

(wherein R^2 has the same meaning as defined above);

and allowing the compound represented by the above formula (V) to react with the compound represented by the above formula (VI).

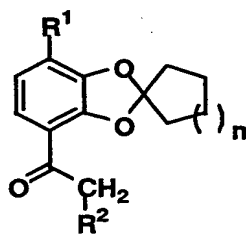
3. The process for preparing a 1,3-benzodioxole-2-

spirocycloalkane derivative according to Claim 1 or 2, wherein the base is lithium bis(trimethylsilyl)amide.

4. The process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative according to Claim 3, wherein the reaction temperature when the compound represented by formula (V) reacts with the compound represented by formula (VI) is between -10°C and 50°C .

5. The process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative according to any one of Claims 1 to 4, wherein Y is *n*-butyl.

6. A process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative represented by formula (VII)



(VII)

(wherein R^1 , R^2 and n have the same meanings as defined above respectively)

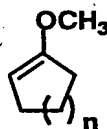
which comprises

allowing a compound represented by formula (II)



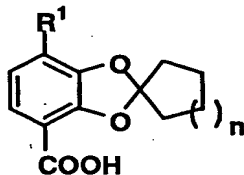
(II)

(wherein R^1 has the same meaning as defined above)
to react with a compound represented by formula (III)



(III)

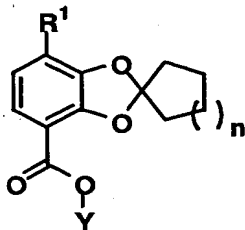
(wherein n represents an integer of from 1 to 6)
to give a compound represented by formula (IV)



(IV)

(wherein R^1 and n have the same meanings as defined above);

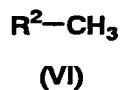
converting the resulting compound represented by the
above formula (IV) into a compound represented by formula
(V)



(V)

(wherein R^1 , n and Y have the same meanings as defined above respectively);

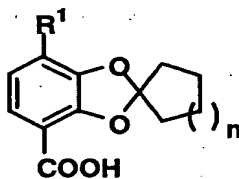
adding a base to a mixture containing the resulting compound represented by the above formula (V) and a compound represented by formula (VI)



(wherein R^2 has the same meaning as defined above);

and allowing the compound represented by the above formula (V) to react with the compound represented by the above formula (VI).

7. A process for preparing a compound represented by formula (IV)

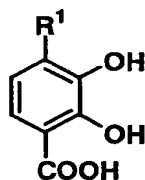


(IV)

(wherein R^1 and n have the same meanings as defined above respectively)

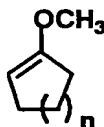
which comprises

allowing a compound represented by formula (II)



(II)

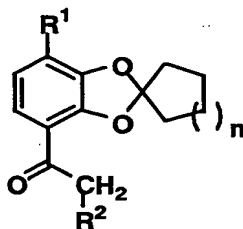
(wherein R^1 has the same meaning as defined above)
to react with a compound represented by formula (III)



(III)

(wherein n has the same meaning as defined above).

8. A process for preparing a 1,3-benzodioxole-2-spirocycloalkane derivative represented by formula (VII)

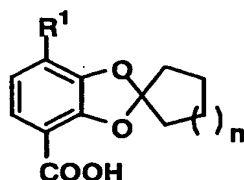


(VII)

(wherein R^1 , R^2 and n have the same meanings as defined above respectively)

which comprises

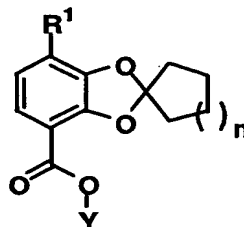
converting a compound represented by formula (IV)



(IV)

(wherein R^1 and n have the same meanings as defined above respectively)

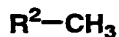
into a compound represented by formula (V)



(V)

(wherein R^1 , n and Y have the same meanings as defined above respectively);

adding a base to a mixture containing the resulting compound represented by the above formula (V) and a compound represented by formula (VI)



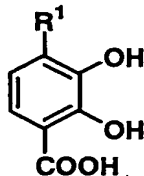
(VI)

(wherein R^2 has the same meaning as defined above);

and allowing the compound represented by the above formula (V) to react with the compound represented by the above formula (VI).

9. A process for preparing a compound represented by

formula (II)

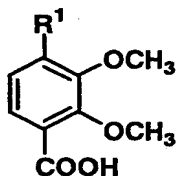


(II)

(wherein R¹ has the same meaning as defined above)

which comprises

treating a compound represented by formula (I)



(I)

(wherein R¹ has the same meaning as defined above)

with hydrogen iodide.

10. The process for preparing according to any one of Claims 1 to 6 and 8, wherein R² is a substituted or unsubstituted aromatic heterocyclic group.

11. The process for preparing according to any one of Claims 1 to 10, wherein R¹ is methoxy.